

Usage procedure for:

Periodic Acid Schiff (PAS) Fungus Stain Kit

Avantik Kit Item #: RS4564-125 | RS4564-250 | RS4564-500



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Solutions Provided in Stain Kit:

Periodic Acid, 0.5%

Schiff's Reagent

Light Green Counterstain

Conventional Procedure

1. Deparaffinize and hydrate sections through alcohol to distilled water.

(Note: If digestion is desired, place slides in 0.5%-1% Diastase for 20 minutes, then rinse thoroughly in running tap water for 1-2 minutes.)

2. Place slides in **Periodic Acid, 0.5%** for 5 minutes.

3. Rinse slides quickly in 3 changes of distilled water.

4. Place slides in **Schiff's Reagent** for 15 minutes. Note: Schiff's Reagent should be warmed to room temperature before use.

5. Wash slides in running tap water for 10 minutes.

6. Stain slides in **Light Green Counterstain** for 1-2 minutes (or until desired intensity is reached).

7. Dehydrate in 3 changes of 100% alcohol.

8. Clear and mount with appropriate mounting medium.

Results:

Glycogen, Basement Membrane,

Neutral Mucosubstances, Fungi:

Pink-Red

Other Tissue Components:

Green to Blue Green

Kit Components and Related Control Slides:

Avantik Item Numbers:

Periodic Acid, 0.5%: RS4435-250 (250 mL) | RS4435-500 (500 mL)

Schiff's Reagent: RS4450-250 (250 mL) | RS4450-500 (500 mL)

Light Green Counterstain: RS4421-250 (250 mL) | RS4421-500 (500 mL)

PAS/F Control Slides: SL6207-A (Pack/12) | SL6207-B (Pack/25) | SL6207-D (Pack/100)

PAS/F Pos/Neg Control Slides: SL6379-A (Pack/12) | SL6379 (Pack/25) | SL6379-D (Pack/100)